DEATH KNELL OF GYPSY MOTH.

Work of the United States Department of Agriculture.

GUY ELLIOTT MITCHELL.

Will the Gypsy Moth spread over the | United States? Dr. Howard, the Gov-United States and devastate shade and ernment entomologist, made a visit to fruit trees and meadows as its ravages continental countries and he has just in New England indicate that it cer- returned, bringing with him the death tainly will unless some drastic and ef- warrant of the Gypsy moth. fective measures are put forward to check it? During the past few years

In Europe this terror of the New England States is but one of the in-

This is a subject which might not particularly interest the farmers and fruit growers, or even the street and park superintendents of Kansas or other distant States except for the announcement of Dr. L. O. Howard, the



DR. L. O. HOWARD, GOVERNMENT ENTOMOLOGIST,

Government entomologist of the Department of Agriculture that the Gypsy Moth will probably thrive in all the temperate States of the Union and become as destructive in the city of Washington or the State of Missouri as it has in Massachussetts.

In spite of all the fortune which Massachusetts has expended to fight this pest, the moth has annually hatched its brood, and annually the worms have spread themselves over the great elm and other trees of Boston and the surrounding towns, extending their domain each year until it seemed, in the light of the expert testi-mony as to their habits that they were destined to cover practi

BELLE OF BATTLES.

the State of Massachusetts alone ex- sect pests which do some, but not very pended over a million and a quarter material, damage to foliage plants and dollars in attempting to exterminate this moth, the caterpillar of which proper equalization of things, and in feeds upon leaves and has stripped tens of thousands of the great spreading elms and other trees in the old Bay keeping it in check and reducing its ravages to a fairly negligible quantity.

Growing Moths' Mortal Foes. "It only remains," said Dr. Howard, in speaking of his investigations, "to propagate some of these foes of the moth in this country. They can be se-cured, packed, shipped and landed in Boston in safety. Whether they will take hold in the United States is a question, but there is no good reason to believe that they will not thrive as well as in Europe, or as well as the moth does here, and grow fat and lusty when turned out to pasture upon their

pereditary prey. The Gypsy moth is one of those insect pests which has loomed up large before the entomologist or bug specialist of this country as a possible scourge of the entire United States, gradually spreading from State to State, eating and killing both deciduous and coniferous trees, devouring gardens and every green thing, and leaving behind them a brown trail of desolation, causing



AUGUST SCENE IN MASSACHUSETTS TREES DEFOLIATED.



JIM REDMOND.

er of the Dogans. Both Mrs. Dogan qua paraul 18nf sum spoun Arallinus and Jim Redmond saw the battles of muskets, bayonets, belts, caps, knap-Bull Run and looked upon the fields in all their gory horror. When the firing had ceased, Mrs. Dogan and her children, and Jim Redmond walked among the dead and wounded carrybattle region of Virginia say that the would be fighting there that day.

this hill that Mrs. Dogan and Jim Redmond watched the first battle. It is ton. interesting to let Mrs. Dogan tell the said: story of the fight in her own way.

other devices have been tried with only heavy rain made the devices have been tried with only the visituat. It is a question of tiger plete extermination resulted. The of how to apply the natural remedy.

minute this work ceases, the moths increase with astonishing rapidity.

What was to be done? The Department of Agriculture was finally applied

Merciless to Grafters.

From the Kansas City Star.

If William Travers Jerome is reto, and it was realized that since the worm and moth might spread over the entire country, it became a national necessity to provide for its eradication. The department took up the subject at the department took up the subject at litical bosses and to his remarkable once. It was known that the Gypsy moth was of European origin, as it had been brought brought been brought been brought brou been brought here in connection with going after the evils of the Metropolis, silk worm investigations, some of the showing no mercy to criminals on the moths accidentally escaping. The questone hand and shaming the well-distone? what it threatens to become in the the other,

the third is occupied by a tenant farm- pretty well turned up by shells and

Warned of Second Battle.

It was more than a year later, Auing buckets of water and "gourd" gust 29, 1862, that Mrs. Dogan, after dippers, giving drink to the moaning clearing up the breakfast dishes, was soldiers, many of whom, of course, told by a staff officer of Stonewall were dying. All the old folk in the Jackson to move off her farm, as there most horrible sound that comes from There had been heavy fighting the day a battlefield is the chorus of cries for before around Gainsville, three miles water which come from the wounded down the pike, and the night before After his labor as a volunteer water Jackson had taken up his position carrier, Redmond worked with a along the abandoned railroad bed from burial party digging the long, deep Gainsville to Sudley, and which passes trenches in which the Confederate about 800 yards back of the Dogan house, there to await the coming of Groveton is on high ground, but Longstreet through Thoroughfare Gap near the Dogan house is a hill from and the approach of General Pope which a good view may be obtained of with the Union army from the direc-Henry Hill, the junction of the Warrenton pike and the Sudley road and not reached her father's house, two the valley of Young's Branch, all a miles away, when a Union battery and mile to the east of Groveton and the supports took station near the Dogan real red fighting ground of that red house and opened on Jackson's line. Sunday, July 21, 1861. It was from All that and the next day there was fierce and bloody fighting around Grove-Of the conditions there she

By An Eye Witness.

Work. The Confederates dug long, work an industrial revideep trenches and laid their men in the ground that way. The Union the ground that way is the vast tracks of the ground that way. The Union the ground that way is the vast tracks of the ground that way. The Union the ground that way is the vast tracks of the ground that way is the treville and our boys were laying burial parties omy shoveled hours the bodies where they of dirt over the bodies where they line small, self-supporting homes, such agricultural region, where every man as can be found by the tens and hun-Through Gainesville from lay, and two or three days later

partial success and in no case has com- eat tiger, needing only the knowledge

tion then arose, is this pest in Europe posed people for their indifference on



THE KING OF CROPS.

SOME ADVICE FOR WIVES.

Would Not Have Hubby Made Nurse and Assistant Chambermaid.

From the Washington Times. Are you one of those women who continually request your husband to run the action of the President in modiget you this, that, or the other as long fying the harsh execution of our exas he is about the house? Do you clusion laws, and our evident desire habitually call him back from the cor- to placate the Chinese. This Chinese ner to mail a letter or give him a sam- retaliation has been brewing and ple of silk to match? Does he no stewing for some time. There have sooner sit down than you ask him to been mutterings and threatenings durrun upstairs and get the baby's pins, ing the past two years but they have or take the small child walking, or run around the corner and get the meat for

There are misguided wives who make it a constant practice to keep the man of the house fetching and carrying for themselves and baby from the time he enters the door until bedtime and all day Sunday. It's "Tom, get me this," and "Tom, please bring me that," until in the eyes of a third party Tom's position in the home appears to be that of a well-trained servant.

The Poor, Patient Worse Half.

maybe, but it wears on him, and hurts of the merchants have signed the boyyour own buying, and mail your own Why don't you have the baby's things handy, so he won't have to wait on you hand and foot when you're busy with the little one?

What would you think if your husband brought home a lot of his office work for you to do at night? Suppose he expected you to spend your spare hours clerking for him and helping him with his bills and accounts? Ridiculous, wouldn't it be? Yet, for some reason, you expect him to act as second housemaid and assistant child's nurse the whole time he is away from office.

In Times of Need, Yes.

Nine times out of ten it's simply a habit that gets you into this practice. Of course, there are exceptional cases of illness which make it necessary for a faithful husband to step into the shoes of a domestic help and assist with the meals and the children. But unless there is this necessity it ought not to be expected.

The man's field of labor, little wife, is his office or factory, where he earns the bread for you. Yours is in the home where you do every whit as much as he toward earning the living. He doesn't expect you to go down to the office and work. Don't expect him to come home at night and do the housework and mind the baby. Do your end as well as you can. Be

as independent and self-reliant about it as possible. When he comes home you can be ready to rest, too.

ENGLAND'S WAR PROBLEM. Royal Commission Finds That it

Consists Mostly in Lack of Food Supply. After all, what are the sinews of

war? Are they ammunition, guns and n, heavy artillery, cavalry and innethoday? The royal commission reappointed to investigate the of England with regard to an alternating dness for war does not allowing the sai much attention to the the evaporator ain, ships or firearms on side through succe attention to the fact s mighty navy were

k and inadequate as s did in the Boer war, ent to slumber among the boastful Spanish e island under a state be practically helpless, and's actual necessaries or ted. Suspending these the inhabitants would be commission, then, in its apphatically brings the people inhabitants with the goods packed in them."

Paper made of wood and clay forms the wrappers for packages containing cereal products, crackers, etc., and these come a little cheaper to the manufacturer than the goods; but the consumer is not getting all he pays for ent to slumber among Ad face to face with the acitions as they exist, brings be to face with the fact that age weigh a pound, have been providing for war by es a vast quantity of provisions. places in this country. reason that the storehouses a vast quantity of provisions. The reason that the storehouses and supplies of food sufficient months, figuring that that we would be long enough her Brittania would be

were burying the dead, thought syrup. This is practice had not long been at this horrible syrup. This is practice work. The Confederates dug long, evaporator in use tould be wise, too, southern field, says that when the dreds of thousands in Japan. England itself contains much more arable land than all of Japan and the single island comprising England, Scotland and Wales has fully three times the agricultural land of Japan.

Pointed Paragraphs.

From the Chicago News. Beware of the financial pointer: it usually points the wrong way. As a weather forecaster there is nothing superior to a healthy corn. Isn't it a pity that the average reformer neglects to begin his work at Cigarettes, if properly classified,

would come under the head of fouls of Any small boy will make a home run

every time he knocks his ball through a pane of glass. Nothing arouses a woman's wrath

so much as a man who appears to be well satisfied with himself. One man may be able to break a horse, but later the horse does a stunt on the race track and breaks a dozen

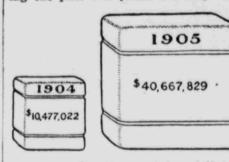
Easy for the Coroner lAnyway.

It is the usual custom in most cities to at once summon the coroner to view taking the same turn. the remains of a person who has died

THE CHINESE BOYCOTT.

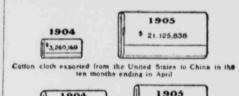
Alarm Beginning to be Felt by American Merchants.

The Chinese boycott of American imports into China continues in spite of



been generally disregarded and it was It is hardly fair to let him drop to apparently believed that they amounted that, is it? Do you really require that to nothing more than futile threats. he should go into bondage of this sort | Information comes from San Franto you and baby? He does it patiently, cisco that in China some ten thousand his self-respect. Why don't you do cott resolutions, which carry a penalty of about \$4,000 in each case for their letters, and match your own samples? violation. Further, the Chinese newspapers are refusing advertisements of American firms.

Since the facts are coming to be realized, the question in this country becomes a live one. The National Association of Manufacturers which sup-



10, 945, 739 \$ 8, 895, 627

ports nearly half a million working people and represents \$800,000,000 in apital will use all its influence, it is stated, upon Congress to have the Chinese exclusion law mitigated in such a way as to appease the Chinese. On the other hand the labor unions will oppose every effort to modify Chinese exclusion, as is indicated by the recent interview of Mr. Gompers with President Roosevelt. The American interests which will be the heaviest losers if the Chinese persist in their boycott, are the cotton planters and the cotton and cotton cloth traders. The accompanying diagrams from Collier's Weekly indicate the rapid inlet him rest. And if you manage right crease of our trade with China during the past two years.

> SHORT WEIGHTS IN HOUSEHOLD GOODS.

As Much Need for This Legislation las for Pure Food Laws.

A great deal las been said in the papers about adulterated goods, but very little about short weights, which are quite as dishonest. Now comes a correspondent of the New York Journal of Commerce, who declares there is as much need of full weight laws as of pure food laws. He says: "It is a wellknown fact that candles weighing only 11 or 11½ ounces are sold as a pound that raisins are put up in packages containing 12, 14 and 15 ounces, which are sold as pounds; that there is hardly

sumer is not getting all he pays for, unless the actual contents of the pack-

The package on the scales will usually weigh a pound, but the wrappings paying no attention to the actual often exceed two ounces. Sir Thomas ows of war-food. Recommenda- Lipton was once brought to time and n has been made to Parliament for fined by the English authorities for be erection of a system of elevators padding out his pound of tea packages ind storage houses of sufficient capac- with paper. The hand of the law ty to store \$50,000,000 worth of grain, needs to be applied in many such

Southern Advancement.

Northern methods are gradually invading the South, and to its commer-BOILING waves or go down cial advantage. Mr. M. V. Richards, head of the Industrial Department of "Funeral parties of both armies were burying the dead, though they reaching the other ener the blockading the Southern Railway, who has carevated, can be his own master in a sense that no other man can be. A farm anywhere is nearer nature's heart than the sidewalks of the city. Besides the air is purer, and so is the water, and food right out of the ground is not adulterated.

The Packers Were the Hogs.

Of sixty-eight samples of sausages examined by the government analyst at Melbourne, Australia, not one was found unadulterated. In the so-called pork sausage put up by the packing houses not a particle of pork could be discovered.

The Race Growing Smaller.

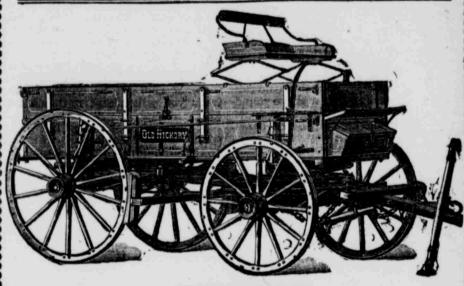
Size and sufficiency are not necessarily associated, as is shown by the way the Japanese have outwitted and outdone their Russian enemies in strategy and in combat. Nevertheless, it is not a good sign to find a people diminishing in size, and the English people are properly disturbed at finding that such is the case with them. Their improper nourishment is supposed to be the leading cause, but Dr. Anna Shaw reminds us that the American people are on the verge of

A Brockton shoe manufacturer without medical assistance, and he already claims to note a sign of then impanels a jury to inquire the degradation in a falling off in the cause of death. A wise ruralist ex-demand for the larger sizes of men's plained, however, that there is no reasishoes, and predicts that if nothing inson for calling in a coroner to see the tervenes to prevent we shall be no body of a man who has had a physi- larger on the average in another 100 cian's aid, because everybody knows years than the present Japs or Frenchmen.

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